



SoA: Switched-Inductor Supplies

- * Cu, less pins, and smaller package raise power density P_D .
- * Higher f_{SW} reduces efficiency η_C .
- * Highest P_D and η_C at 1–10 MHz.
- * L's: Graph excludes vertical dimension.

Air-core L's \rightarrow Poor.

Spiral L's \rightarrow Moderate.

Ferrite L's \rightarrow Best.